

# Kee Hoon Kim

## List of Publications by Citations

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203  
papers

6,847  
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g-index

210  
ext. papers

7,499  
ext. citations

4.4  
avg, IF

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L-index

#	Paper	IF	Citations
203	High Mobility in a Stable Transparent Perovskite Oxide. <i>Applied Physics Express</i> , <b>2012</b> , 5, 061102	2.4	270
202	Frequency Shifts of the Internal Phonon Modes in La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>1996</b> , 77, 1877-1880	7.4	268
201	Very high upper critical fields in MgB <sub>2</sub> produced by selective tuning of impurity scattering. <i>Superconductor Science and Technology</i> , <b>2004</b> , 17, 278-286	3.1	250
200	Physical properties of transparent perovskite oxides (Ba,La)SnO <sub>3</sub> with high electrical mobility at room temperature. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	218
199	Effects of Nb-doping on electric and magnetic properties in multi-ferroic BiFeO <sub>3</sub> ceramics. <i>Solid State Communications</i> , <b>2005</b> , 135, 133-137	1.6	206
198	Thermal and electronic transport properties and two-phase mixtures in La <sub>(5/8-x)</sub> Pr <sub>(x)</sub> Ca <sub>(3/8)</sub> MnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2000</b> , 84, 2961-4	7.4	173
197	Polaron Absorption in a Perovskite Manganite La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>1998</b> , 81, 1517-1520	7.4	159
196	Competing magnetic phases on a kagomé staircase. <i>Physical Review Letters</i> , <b>2004</b> , 93, 247201	7.4	137
195	Electric field control of nonvolatile four-state magnetization at room temperature. <i>Physical Review Letters</i> , <b>2012</b> , 108, 177201	7.4	131
194	Realization of giant magnetoelectricity in helimagnets. <i>Physical Review Letters</i> , <b>2010</b> , 104, 037204	7.4	128
193	Magnetoelectric effects of nanoparticulate Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> /NiFe <sub>2</sub> O <sub>4</sub> composite films. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 102907	3.4	126
192	Concurrent transition of ferroelectric and magnetic ordering near room temperature. <i>Nature Communications</i> , <b>2011</b> , 2, 567	17.4	124
191	Determination of electronic band structures of CaMnO <sub>3</sub> and LaMnO <sub>3</sub> using optical-conductivity analyses. <i>Physical Review B</i> , <b>1997</b> , 55, 15489-15493	3.3	118
190	Field dependence of magnetic ordering in Kagomé staircase compound Ni <sub>3</sub> V <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	104
189	High-Mobility Bismuth-based Transparent p-Type Oxide from High-Throughput Material Screening. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 30-34	9.6	95
188	Revealing the dual nature of magnetism in iron pnictides and iron chalcogenides using x-ray emission spectroscopy. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	95
187	Midgap states of La <sub>1-x</sub> CaxMnO <sub>3</sub> : Doping-dependent optical-conductivity studies. <i>Physical Review B</i> , <b>1998</b> , 57, R11043-R11046	3.3	95

186	Evidence for dominant Pauli paramagnetic effect in the upper critical field of single-crystalline FeTe <sub>0.6</sub> Se <sub>0.4</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	90
185	Magnetic-field-induced quantum critical point and competing order parameters in URu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review Letters</i> , <b>2003</b> , 91, 256401	7.4	90
184	Flexible Multiferroic Bulk Heterojunction with Giant Magnetoelectric Coupling via van der Waals Epitaxy. <i>ACS Nano</i> , <b>2017</b> , 11, 6122-6130	16.7	88
183	High magnetic field studies of the hidden order transition in URu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review Letters</i> , <b>2002</b> , 89, 287201	7.4	87
182	Epitaxial Stabilization of a New Multiferroic Hexagonal Phase of TbMnO <sub>3</sub> Thin Films. <i>Advanced Materials</i> , <b>2006</b> , 18, 3125-3129	24	84
181	Observation of the Josephson effect in Pb/Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> single crystal junctions. <i>Physical Review Letters</i> , <b>2009</b> , 102, 147002	7.4	83
180	Orbital ordering in LaMnO <sub>3</sub> investigated by resonance Raman spectroscopy. <i>Physical Review Letters</i> , <b>2004</b> , 92, 097203	7.4	77
179	Transparent Perovskite Barium Stannate with High Electron Mobility and Thermal Stability. <i>Annual Review of Materials Research</i> , <b>2017</b> , 47, 391-423	12.8	76
178	Large effects of dislocations on high mobility of epitaxial perovskite Ba <sub>0.96</sub> La <sub>0.04</sub> SnO <sub>3</sub> films. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 252105	3.4	76
177	Pauli-limiting effects in the upper critical fields of a clean LiFeAs single crystal. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	74
176	Core-level x-ray photoemission satellites in ruthenates: a new mechanism revealing the Mott transition. <i>Physical Review Letters</i> , <b>2004</b> , 93, 126404	7.4	71
175	Optical properties of a Nd <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> single crystal. <i>Physical Review B</i> , <b>1999</b> , 60, 5251-5257	3.3	70
174	Increase of critical current density with doping carbon nano-tubes in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2009</b> , 469, 55-59	1.3	67
173	Electrical control of large magnetization reversal in a helimagnet. <i>Nature Communications</i> , <b>2014</b> , 5, 4208	17.4	64
172	CuBr <sub>2</sub> --a new multiferroic material with high critical temperature. <i>Advanced Materials</i> , <b>2012</b> , 24, 2469-73	24	61
171	Orbital selective Fermi surface shifts and mechanism of high T <sub>c</sub> superconductivity in correlated AFeAs (A=Li, Na). <i>Physical Review Letters</i> , <b>2012</b> , 109, 177001	7.4	61
170	Field-induced incommensurate-to-commensurate phase transition in the magnetoelectric hexaferrite Ba <sub>0.5</sub> Sr <sub>1.5</sub> Zn <sub>2</sub> (Fe <sub>1-x</sub> Al <sub>x</sub> ) <sub>12</sub> O <sub>22</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	57
169	Optical evidence of multiphase coexistence in single crystalline (La,Pr,Ca)MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	56

168	Quantitative determination of anisotropic magnetoelectric coupling in BiFeO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> nanostructures. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 052902	3-4	55
167	Enhanced electron mobility in epitaxial (Ba,Lu)SnO <sub>3</sub> films on BaSnO <sub>3</sub> (001) substrates. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 082105	3-4	55
166	Multiple broadband magnetoelectric response in thickness-controlled Ni/[011] Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -Pb(Zr,Ti)O <sub>3</sub> single crystal/Ni laminates. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 052907	3-4	54
165	Anomalous field-dependent specific heat in charge-ordered Pr <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> and La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2000</b> , 62, R6093-R6096	3-3	54
164	Intrinsic ferroelectric polarization of orthorhombic manganites with E-type spin order. <i>Physical Review B</i> , <b>2012</b> , 85,	3-3	53
163	Determination of the intrinsic ferroelectric polarization in orthorhombic HoMnO <sub>3</sub> . <i>New Journal of Physics</i> , <b>2010</b> , 12, 073006	2-9	53
162	Longer-range lattice anisotropy strongly competing with spin-orbit interactions in pyrochlore iridates. <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	51
161	Vortex-glass phase transition and superconductivity in an underdoped (Ba,K)Fe <sub>2</sub> As <sub>2</sub> single crystal. <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	51
160	Interplay between fermi surface topology and ordering in URu <sub>2</sub> Si <sub>2</sub> revealed through abrupt hall coefficient changes in strong magnetic fields. <i>Physical Review Letters</i> , <b>2007</b> , 98, 016401	7-4	51
159	Role of rare earth ions in the magnetic, magnetocaloric and magnetoelectric properties of RCrO <sub>3</sub> (R = Dy, Nd, Tb, Er) crystals. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 11198-11204	7-1	50
158	Electronic structure of detwinned BaFe <sub>2</sub> As <sub>2</sub> from photoemission and first principles. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	50
157	Anisotropic self-biased dual-phase low frequency magneto-mechano-electric energy harvesters with giant power densities. <i>APL Materials</i> , <b>2014</b> , 2, 046102	5-7	49
156	Dopant-site-dependent scattering by dislocations in epitaxial films of perovskite semiconductor BaSnO <sub>3</sub> . <i>APL Materials</i> , <b>2014</b> , 2, 056107	5-7	49
155	Enhanced magnetization in Co and Ta-substituted BiFeO <sub>3</sub> ceramics. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2009</b> , 321, 3262-3265	2-8	46
154	Interplay between carrier and impurity concentrations in annealed Ga <sub>1-x</sub> Mn <sub>x</sub> As: intrinsic anomalous hall effect. <i>Physical Review Letters</i> , <b>2007</b> , 98, 026601	7-4	45
153	Reentrant spin-glass state and magnetodielectric effect in the spiral magnet BiMnFe <sub>2</sub> O <sub>6</sub> . <i>Physical Review B</i> , <b>2014</b> , 90,	3-3	43
152	Heliconical magnetic order and field-induced multiferroicity of the Co <sub>2</sub> Y-type hexaferrite Ba <sub>0.3</sub> Sr <sub>1.7</sub> Co <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3-3	41
151	Low-magnetic-field control of dielectric constant at room temperature realized in Ba <sub>0.5</sub> Sr <sub>1.5</sub> Zn <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> . <i>New Journal of Physics</i> , <b>2009</b> , 11, 073030	2-9	41

150	Physical properties of multiferroic hexagonal HoMnO <sub>3</sub> thin films. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 142904	4.4	41
149	Charge ordering fluctuation and optical pseudogap in La(1-x)Ca(x)MnO(3). <i>Physical Review Letters</i> , <b>2002</b> , 88, 167204	7.4	41
148	Interplay of charge density wave and multiband superconductivity in 2H-PdxTaSe2. <i>Scientific Reports</i> , <b>2016</b> , 6, 24068	4.9	40
147	Dual character of magnetism in EuFe2As2: Optical spectroscopic and density-functional calculation study. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	40
146	Electric polarization enhancement in multiferroic CoCr2O4 crystals with Cr-site mixing. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 042505	3.4	40
145	Observation of a multiferroic critical end point. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 15573-6	11.5	39
144	Existence of orbital order and its fluctuation in superconducting Ba(Fe(1-x)Co(x))2As2 single crystals revealed by x-ray absorption spectroscopy. <i>Physical Review Letters</i> , <b>2013</b> , 111, 217001	7.4	37
143	Discrepancies between infrared and dc resistivities of La0.7Ca0.3MnO3 samples. <i>Physical Review B</i> , <b>1997</b> , 55, 4023-4026	3.3	37
142	Magnetic properties and heat capacity of the three-dimensional frustrated S=12 antiferromagnet PbCuTe2O6. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	36
141	Indications of strong neutral impurity scattering in Ba(Sn,Sb)O3 single crystals. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	36
140	Electron-hole asymmetry in Co- and Mn-doped SrFe2As2. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	35
139	Optical investigations of La7/8Sr1/8MnO3. <i>Physical Review B</i> , <b>1999</b> , 59, 3793-3797	3.3	35
138	Enhancement of resonant and non-resonant magnetoelectric coupling in multiferroic laminates with anisotropic piezoelectric properties. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 062909	3.4	34
137	High-temperature charge-ordering fluctuation in manganites. <i>Physical Review B</i> , <b>2000</b> , 62, R11945-R11948	3.3	34
136	Scaling Behavior of Spectral Weight Changes in Perovskite Manganites La0.7PryCa0.3MnO3. <i>Physical Review Letters</i> , <b>1998</b> , 81, 4983-4986	7.4	33
135	Josephson effect between electron-doped and hole-doped iron pnictide single crystals. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 062510	3.4	32
134	Nexus between quantum criticality and phase formation in U(Ru1-xRhx)2Si2. <i>Physical Review Letters</i> , <b>2004</b> , 93, 206402	7.4	32
133	Infrared-optical spectroscopy of transparent conducting perovskite (La,Ba)SnO3 thin films. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 022102	3.4	30

132	Dielectric and magnetic properties in Ta-substituted BiFeO <sub>3</sub> ceramics. <i>Journal of Materials Research</i> , <b>2007</b> , 22, 3397-3403	2.5	30
131	Zero-field <sup>139</sup> La nuclear magnetic resonance in La <sub>1-x</sub> CaxMnO <sub>3</sub> for 0.125. <i>Physical Review B</i> , <b>1999</b> , 59, 492-496	3.3	30
130	X-ray scattering study of pyrochlore iridates: Crystal structure, electronic, and magnetic excitations. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	29
129	Enhanced upper critical fields in a new quasi-one-dimensional superconductor Nb <sub>2</sub> PdxSe <sub>5</sub> . <i>New Journal of Physics</i> , <b>2013</b> , 15, 123031	2.9	29
128	Single-crystal growth and superconducting properties of LiFeAs. <i>Europhysics Letters</i> , <b>2010</b> , 91, 67002	1.6	28
127	Phonon thermal transport of URu <sub>2</sub> Si <sub>2</sub> : broken translational symmetry and strong-coupling of the "hidden order" to the lattice. <i>Physical Review Letters</i> , <b>2006</b> , 97, 156401	7.4	27
126	Quantitative Measurements of Size-Dependent Magnetoelectric Coupling in FeO Nanoparticles. <i>Nano Letters</i> , <b>2016</b> , 16, 7408-7413	11.5	26
125	Magnetic and magnetoelectric study of the pyroxene NaCrSi <sub>2</sub> O <sub>6</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	26
124	Magnetic properties of Pr <sub>0.63</sub> Sr <sub>0.37</sub> MnO <sub>3</sub> and Nd <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> single crystals. <i>Physical Review B</i> , <b>1999</b> , 60, 14804-14808	3.3	26
123	Charge-density waves survive the Pauli paramagnetic limit. <i>Physical Review Letters</i> , <b>2004</b> , 93, 076405	7.4	25
122	Photoemission and x-ray absorption spectroscopy studies on cubic pyrochlore ruthenates Bi <sub>2-x</sub> YxRu <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	25
121	Leakage current behaviors of epitaxial and preferentially oriented Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films grown on La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> bottom electrodes. <i>Applied Physics Letters</i> , <b>1995</b> , 66, 3120-3122	3.4	25
120	Effective-medium theories for spheroidal particles randomly oriented on a plane: Application to the optical properties of a SiC whisker-Al <sub>2</sub> O <sub>3</sub> composite. <i>Physical Review B</i> , <b>1995</b> , 52, 15244-15252	3.3	25
119	Oxygen diffusion process in a Ba <sub>0.96</sub> La <sub>0.04</sub> SnO <sub>3</sub> thin film on SrTiO <sub>3</sub> (001) substrate as investigated by time-dependent Hall effect measurements. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2015</b> , 212, 1487-1493	1.6	24
118	Strong reduction of the Korringa relaxation in the spin-density wave regime of EuFe <sub>2</sub> As <sub>2</sub> observed by electron spin resonance. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	24
117	Raman scattering study of anomalous spin, charge, and lattice dynamics in the charge-ordered phase of Bi <sub>1-x</sub> CaxMnO <sub>3</sub> (x > 0.5). <i>Physical Review Letters</i> , <b>2000</b> , 85, 3297-300	7.4	24
116	Spin-orbital pattern dependent polaron absorption in manganites. <i>Physical Review Letters</i> , <b>2002</b> , 89, 016403	7.4	23
115	Magnetoelectricity in multiferroic hexaferrites as understood by crystal symmetry analyses. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	23

114	Interplay between low dimensionality and magnetic frustration in the magnetoelectric pyroxenes $\text{LiCrX}_2\text{O}_6$ ( $X=\text{Ge,Si}$ ). <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	22
113	Effect of Mn doping on particulate size and magnetic properties of $\text{LaFeO}_3$ nanofiber synthesized by electrospinning. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 749, 599-604	5-7	21
112	Colossal magnetoelectric response of PZT thick films on Ni substrates with a conductive $\text{LaNiO}_3$ electrode. <i>Journal Physics D: Applied Physics</i> , <b>2013</b> , 46, 092002	3	21
111	Evidence of a universal and isotropic $2\pi/k_B T C$ ratio in 122-type iron pnictide superconductors over a wide doping range. <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	21
110	Chemical doping-induced flop of ferroelectric polarization in multiferroic $\text{Mn}_{0.9}\text{Co}_{0.1}\text{WO}_4$ . <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	21
109	Large Longitudinal Magnetoelectric Coupling in $\text{NiFe}_2\text{O}_4/\text{BaTiO}_3$ Laminates. <i>Applied Physics Express</i> , <b>2011</b> , 4, 073001	2-4	21
108	Magnetic origin of giant magnetoelectricity in doped Y-type hexaferrite $\text{Ba}_{0.5}\text{Sr}_{1.5}\text{Zn}_2(\text{Fe}_{1-x}\text{Al}_x)_{12}\text{O}_{22}$ . <i>Physical Review Letters</i> , <b>2015</b> , 114, 117603	7-4	20
107	Lattice dynamics and charge ordering in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ (0.45). <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	20
106	The absence of ferroelectric polarization in layered and rock-salt ordered $\text{NaLnMnWO}_6$ ( $\text{Ln} = \text{La, Nd, Tb}$ ) perovskites. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 5407-11	3.6	19
105	Irreversible dynamics of the phase boundary in $\text{U}(\text{Ru}_{0.96}\text{Rh}_{0.04})_2\text{Si}_2$ and implications for ordering. <i>Physical Review Letters</i> , <b>2006</b> , 96, 136403	7-4	19
104	Transport and thermodynamic properties of $\text{Sr}_3\text{Ru}_2\text{O}_7$ near the quantum critical point. <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	18
103	Highly tunable magnetoelectric response in dimensional gradient laminate composites of Fe-Ga alloy and $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{Pb}(\text{Zr,Ti})\text{O}_3$ single crystal. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 765, 764-770	5-7	18
102	Magnetoelectric effect in simple collinear antiferromagnetic spinels. <i>Physical Review B</i> , <b>2016</b> , 94,	3-3	17
101	Observation of multiferroic properties in pyroxene $\text{NaFeGe}_2\text{O}_6$ . <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 306001	1.8	17
100	Evidence of the $\text{Bi}(3+)$ lone-pair effect on the charge-ordering state: resistivity and thermoelectric power of $\text{Bi}_{0.5-y}\text{La}_y\text{Sr}_{0.5}\text{MnO}_3$ (0.05-0.4). <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 296205	1.8	17
99	Specific heat to $H_c2$ : Evidence for nodes or deep minima in the superconducting gap of underdoped and overdoped $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ . <i>Physical Review B</i> , <b>2012</b> , 86,	3-3	16
98	Possible Persistence of Multiferroic Order down to Bilayer Limit of van der Waals Material $\text{Ni}_3\text{V}_2\text{S}_8$ . <i>Nano Letters</i> , <b>2021</b> , 21, 5126-5132	11.5	15
97	Relationship Between Functional Level and Muscle Thickness in Young Children With Cerebral Palsy. <i>Annals of Rehabilitation Medicine</i> , <b>2018</b> , 42, 286-295	1.7	15

96	Theoretical prediction of resonant and off-resonant magnetoelectric coupling in layered composites with anisotropic piezoelectric properties. <i>Composite Structures</i> , <b>2017</b> , 159, 498-504	5.3	14
95	Specific heat of a YCrO <sub>3</sub> single crystal as investigated by a SiN <sub>x</sub> membrane based microcalorimeter. <i>Thermochimica Acta</i> , <b>2007</b> , 455, 2-6	2.9	14
94	Inhomogeneous level splitting in Pr 2-x BixRu <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2005</b> , 94, 177201	7.4	14
93	PbCu <sub>3</sub> TeO <sub>7</sub> : an S = 1/2 staircase kagome lattice with significant intra-plane and inter-plane couplings. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 336003	1.8	13
92	Evidence for coexistence of superconductivity and magnetism in single crystals of Co-doped SrFe(2)As(2). <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 102203	1.8	13
91	Single crystal growth and optical properties of a transparent perovskite oxide LaInO <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>2017</b> , 121, 125109	2.5	12
90	Manifestation of magnetic quantum fluctuations in the dielectric properties of a multiferroic. <i>Nature Communications</i> , <b>2014</b> , 5, 4419	17.4	12
89	Optical studies of a layered manganite La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> : Polaron correlation effect. <i>Physical Review B</i> , <b>2000</b> , 62, 11320-11323	3.3	12
88	Electromagnon with Sensitive Terahertz Magnetochromism in a Room-Temperature Magnetoelectric Hexaferrite. <i>Physical Review Letters</i> , <b>2018</b> , 120, 027202	7.4	11
87	Determination of temperature-dependent thermal conductivity of a BaSnO <sub>3</sub> single crystal by using the $\frac{3}{4}$ method. <i>Thermochimica Acta</i> , <b>2014</b> , 585, 16-20	2.9	11
86	Observation of S = 1/2 quasi-1D magnetic and magneto-dielectric behavior in a cubic SrCuTe <sub>2</sub> O <sub>6</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 426001	1.8	11
85	Evidence of metallic clustering in annealed Ga <sub>1-x</sub> Mn <sub>x</sub> As from atypical scaling behavior of the anomalous Hall coefficient. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 102503	3.4	11
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83	Probing the order parameter of superconducting LiFeAs using Pb/LiFeAs and Au/LiFeAs point-contact spectroscopy. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	10
82	NMR study on the stability of the magnetic ground state in MnCr <sub>2</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	10
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77	Nearly isotropic upper critical fields in a SrFe <sub>1.85</sub> Co <sub>0.15</sub> As <sub>2</sub> single crystal. <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S317-S319	1.3	9
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74	Measurements of the pressure and magnetic field dependence of multiferroic DyMn <sub>2</sub> O <sub>5</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	8
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66	Predictors of functional and motor outcomes following upper limb robot-assisted therapy after stroke. <i>International Journal of Rehabilitation Research</i> , <b>2019</b> , 42, 223-228	1.8	7
65	Competing Magnetic Anisotropy Fields and Double Polarization Flops in Multiferroic Mn <sub>1-x</sub> CoxWO <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 124716	1.5	6
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50	Observation of two-gap superconductivity in SrFe <sub>1.85</sub> Co <sub>0.15</sub> As <sub>2</sub> single crystals by scanning tunneling microscopy and spectroscopy. <i>New Journal of Physics</i> , <b>2011</b> , 13, 033005	2.9	4
49	Temperature Dependence of the Flux Jump Upper Threshold Field in MgB <sub>2</sub> Thin Films. <i>Journal of the Physical Society of Japan</i> , <b>2008</b> , 77, 104717	1.5	4
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33	Enhanced accuracy in a silicon-nitride-membrane-based microcalorimeter with variation of lateral layout. <i>Thermochimica Acta</i> , <b>2009</b> , 490, 1-7	2-9	2
32	Hall anomaly in CNT-doped Y-123 high temperature superconductor. <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, 309-312	1-3	2
31	Nonlinear transport below TC for lateral nanoconstrictions realized in a 100nm GaMnAs epilayer. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 122514	3-4	2
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